REMARKS

In the Office Action, claims 66 and 69 were rejected under 35 U.S.C. §103(a) as being unpatentable over Fu et al. (4,803,625) in view of Madsen et al. (5,853,377). Claim 68 was rejected under 35 U.S.C. §103(a) as being unpatentable over Fu et al. in view of Madsen et al., and further in view of Coli et al. (6,018,713).

In response to the Office Action, claim 66 has been amended to incorporate the features of claims 68 and 69. In addition, additional features of the present invention have been incorporated into claim 66.

In addition to the comparison of the biological data to constantly updated medical information transmitted to a processor, the present invention also compares medicinal and other products used by an individual to the biological data of the individual and the constantly updated medical information. By these comparisons, a determination is made of a degree of a life threat to an individual. Based upon the degree of the life threat, a bi-directional communications link to the individual is made to send different levels of medical emergency warning to the individual by different communication devices dependent upon the degree of threat of life.

The input device used to acquire and transmit biological data includes one of a tonometer, blood glucose monitoring device, heart rate and rhythm measuring device, blood pressure measuring device and a barcode reader. The input device also allows entry of the medicinal and other products used by the individual for subsequent comparison by the processor against the biological data of the individual and the constantly updated medical information transmitted to the processor.

Examples of some of the benefits achieved by the present invention as defined in amended claim 66 are described, for example at page 33, lines 9 through 12 and page 48, line 14 through page 49, line 6. In another example as discussed at page 116, last paragraph through page 117, the unintended harmful effect of drugs and other products is discussed when compared to updated medical information to determine a risk of a life threatening event.

Another, particularly relevant portion of the operation of the present invention discusses the use of an individual of a common cold pill or a skin lotion containing steroids. These items may have a dangerous interaction to an individual that has glaucoma. However, without the individual knowing they have glaucoma, the warnings on the cold pills or skin lotions are meaningless. According to the present invention, by transmission of biological data, which may be indicative of the individual having glaucoma

and the input of the taking of a common cold pill or use of a particular skin lotion, the individual would be notified of the potentially dangerous interaction based upon the individual's biological variables (as discussed at the top of page 7).

Another example of the importance of the present invention is a determination by transmitted biological data of an individual, indicating that the individual has diabetes. Based upon this information, the individual would then be made aware of the potential harmful effect of other medicinal and other products which have been entered into the system by the input device by the individual. This makes the individual aware of the dangerous situation which has arisen based upon the individual developing diabetes and being made aware of the potential harmful interaction with entered medicinal and other products into the device of the present invention.

Another example of the important information provided by the present invention is provided at page 152, lines 12 +. At this recitation, a discussion is provided of an individual having a momentary heart rate slowing. This information may be identified as bradicardia. If the individual also has in the database a product identifier for verapamil and another product identifier of grapefruit juice, then the system according to the present invention identifies the product as interacting with verapamil by the grapefruit juice

potentially increasing the effect of verapamil and causing an increase in heart blocking properties which is ultimately responsible for the slow heart rate measured as biological data. Without this information as provided by the present invention, a doctor may be misled into thinking that there is a malfunctioning pacemaker or an improper interaction of a pacemaker with verapamil. Great effort, time and expense would be used to check and fix the pacemaker and/or changing the drug regimen. The present invention, in contrast, would make the individual aware that a small change in diet, elimination of grapefruit juice, would fix the decreased heart rate problem.

Accordingly, by the present invention, as defined in amended claim 66, many potential problems are identified for an individual using a system different from that envisioned by the prior art. Accordingly, the present invention as defined in amended claim 66 should be in condition for allowance.

Based on the foregoing amendments and remarks, it is respectfully submitted that the claim in the present application, as it now stands, patentably distinguish over the references cited and applied by the Examiner and is, therefore, in condition for allowance. A Notice of Allowance is in order, and such favorable action and reconsideration are respectfully requested.

However, if after reviewing the above amendments and remarks, the Examiner has any questions or comments, she is cordially invited to contact the undersigned attorneys.

Respectfully submitted,

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